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☐ 1. Document ID: US 20030181364 A1

L3: Entry 1 of 15

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181364

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030181364 A1

TITLE: Therapeutic and diagnostic tools for impaired glucose tolerance conditions

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruvkun, Gary	Newton	MA	US	
Ogg, Scott	Newton	MA	US	

US-CL-CURRENT: [514/12](#); [435/21](#), [435/6](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20030078398 A1

L3: Entry 2 of 15

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030078398

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030078398 A1

TITLE: Recombinant DNA molecules encoding aminopeptidase enzymes and their use in the preparation of vaccines against helminth infections

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Graham, Margaret	Linton		GB	
Smith, Trevor Stanley	Linton		GB	
Munn, Edward Albert	Fulbourn		GB	
Knox, David Patrick	Cockenzie		GB	
Oliver, Joanna Jane	Edinburgh		GB	
Newton, Susan Elizabeth	Victora		AU	

US-CL-CURRENT: 536/23.1; 424/93.21, 800/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 20020138872 A1

L3: Entry 3 of 15

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020138872

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020138872 A1

TITLE: ACQUIRED RESISTANCE GENES AND USES THEREOF

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DONG, XINNIAN	DURHAM	NC	US	
AUSUBEL, FREDERICK M.	NEWTON	MA	US	
CAO, HUI	DURHAM	NC	US	
GLAZEBROOK, JANE	COLUMBIA	MD	US	

US-CL-CURRENT: 800/279

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 20020106367 A1

L3: Entry 4 of 15

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106367

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020106367 A1

TITLE: NES-1 polypeptides, DNA, and related molecules and methods

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Band, Vimla	Natick	MA	US	

US-CL-CURRENT: 424/94.63; 435/226, 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 20020073447 A1

L3: Entry 5 of 15

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020073447
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020073447 A1

TITLE: Acquired resistance genes and uses thereof

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dong, Xinnian	Durham	NC	US	
Ausubel, Frederick M.	Newton	MA	US	
Cao, Hui	Durham	NC	US	
Glazebrook, Jane	Columbia	MD	US	

US-CL-CURRENT: 800/279; 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 20020037585 A1

L3: Entry 6 of 15

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037585
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020037585 A1

TITLE: Therapeutic and diagnostic tools for impaired glucose tolerance conditions

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruvkun, Gary	Newton	MA	US	
Kimura, Koutarou	Boston	MA	US	
Patterson, Garth	Charlestown	MA	US	
Ogg, Scott	Newton	MA	US	
Paradis, Suzanne	Somerville	MA	US	
Tissenbaum, Heidi	Belmont	MA	US	
Morris, Jason	New York	NY	US	
Koweeek, Allison	Somerville	MA	US	

US-CL-CURRENT: 435/375; 424/9.2, 435/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 7. Document ID: US 20010029617 A1

L3: Entry 7 of 15

File: PGPB

Oct 11, 2001

PGPUB-DOCUMENT-NUMBER: 20010029617

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010029617 A1

TITLE: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR IMPAIRED GLUCOSE TOLERANCE CONDITIONS

PUBLICATION-DATE: October 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
RUVKUN, GARY	NEWTON	MA	US	
OGG, SCOTT	NEWTON	MA	US	

US-CL-CURRENT: 800/13; 424/9.1, 424/9.2, 435/320.1, 800/18, 800/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 8. Document ID: US 20010016332 A1

L3: Entry 8 of 15

File: PGPB

Aug 23, 2001

PGPUB-DOCUMENT-NUMBER: 20010016332

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010016332 A1

TITLE: AGE-1 POLYPEPTIDES AND RELATED MOLECULES AND METHODS

PUBLICATION-DATE: August 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
RUVKUN, GARY	NEWTON	MA	US	
MORRIS, JASON	NEW YORK	NY	US	
TISSENBAUM, HEIDI	BELMONT	MA	US	

US-CL-CURRENT: 435/69.1; 424/9.1, 435/320.1, 435/325, 435/375, 800/21, 800/3, 800/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 9. Document ID: US 6620985 B1

L3: Entry 9 of 15

File: USPT

Sep 16, 2003

US-PAT-NO: 6620985

DOCUMENT-IDENTIFIER: US 6620985 B1

TITLE: PAD4 nucleic acid compositions from Arabidopsis and methods therefor

DATE-ISSUED: September 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Glazebrook; Jane	San Diego	CA		
Jirage; Dayadevi	Hyattsville	MD		
Tootle; Tina L.	Boston	MA		
Zhou; Nan	Durham	NC		
Feys; Bart Julianne Frans	Norwich			GB

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 10. Document ID: US 6534638 B1

L3: Entry 10 of 15

File: USPT

Mar 18, 2003

US-PAT-NO: 6534638

DOCUMENT-IDENTIFIER: US 6534638 B1

TITLE: Recombinant DNA molecules encoding aminopeptidase enzymes and their use in the preparation of vaccines against helminth infections

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Graham; Margaret	Linton			GB
Smith; Trevor Stanley	Linton			GB
Munn; Edward Albert	Fulbourn			GB
Knox; David Patrick	Cockenzie			GB
Oliver; Joanna Jane	Edinburgh			GB
Newton; Susan Elizabeth	Strathmore			AU

US-CL-CURRENT: 536/23.1; 435/243, 435/252.3, 435/320.1, 435/69.1, 435/69.3, 435/69.7, 435/71.1, 435/71.2, 536/23.2, 536/23.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 11. Document ID: US 6225120 B1

L3: Entry 11 of 15

File: USPT

May 1, 2001

US-PAT-NO: 6225120

DOCUMENT-IDENTIFIER: US 6225120 B1

**** See image for Certificate of Correction ****

TITLE: Therapeutic and diagnostic tools for impaired glucose tolerance conditions

DATE-ISSUED: May 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruvkun; Gary	Newton	MA		
Kimura; Koutarou	Boston	MA		
Patterson; Garth	Charlestown	MA		
Ogg; Scott	Newton	MA		
Paradis; Suzanne	Somerville	MA		
Tissenbaum; Heidi	Belmont	MA		
Morris; Jason	New York	NY		
Kowee; Allison	Somerville	MA		

US-CL-CURRENT: 435/375; 435/320.1, 435/325, 800/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 12. Document ID: US 6153387 A

L3: Entry 12 of 15

File: USPT

Nov 28, 2000

US-PAT-NO: 6153387

DOCUMENT-IDENTIFIER: US 6153387 A

TITLE: NES-1 polypeptides, DNA, and related molecules and methods

DATE-ISSUED: November 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Band; Vimla	Natick	MA		

US-CL-CURRENT: 435/6; 435/219, 435/226, 435/252.33, 435/254.11, 435/320.1, 435/325, 435/69.1, 536/23.2, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 13. Document ID: US 6066503 A

L3: Entry 13 of 15

File: USPT

May 23, 2000

US-PAT-NO: 6066503

DOCUMENT-IDENTIFIER: US 6066503 A

TITLE: Recombinant DNA molecules encoding aminopeptidase enzymes and their use in the preparation of vaccines against helminth infections

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

h e b b g e e e f e f e f b e

NAME	CITY	STATE	ZIP CODE	COUNTRY
Graham; Margaret	Linton			GB
Smith; Trevor Stanley	Linton			GB
Munn; Edward Albert	Fulbourn			GB
Knox; David Patrick	Cockenzie			GB
Oliver; Joanna Jane	Edinburgh			GB
Newton; Susan Elizabeth	Strathmore			AU

US-CL-CURRENT: [435/69.3](#); [424/184.1](#), [424/199.1](#), [424/265.1](#), [424/94.1](#), [435/183](#), [435/212](#),
[435/252.3](#), [435/252.33](#), [435/254.11](#) , [435/320.1](#), [435/325](#), [435/362](#), [435/365](#), [435/367](#), [435/69.1](#),
[435/69.7](#), [530/300](#), [530/350](#), [530/388.6](#), [536/23.1](#), [536/23.2](#), [536/23.4](#), [536/23.5](#), [930/240](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 14. Document ID: US 5843694 A

L3: Entry 14 of 15

File: USPT

Dec 1, 1998

US-PAT-NO: 5843694

DOCUMENT-IDENTIFIER: US 5843694 A

TITLE: Methods for identification of modulatory compounds for the expression of the NES1 protein

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Band; Vimla	Natick	MA		

US-CL-CURRENT: [435/23](#); [435/212](#), [435/219](#), [435/226](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 15. Document ID: US 5736377 A

L3: Entry 15 of 15

File: USPT

Apr 7, 1998

US-PAT-NO: 5736377

DOCUMENT-IDENTIFIER: US 5736377 A

TITLE: NES-1 polypeptides, DNA, and related molecules and methods

DATE-ISSUED: April 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Band; Vimla	Natick	MA		

US-CL-CURRENT: [435/219](#); [435/212](#), [435/226](#), [530/350](#)

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RECOMBINANTL	1
RECOMBINANTN	2
RECOMBINANTS	7526
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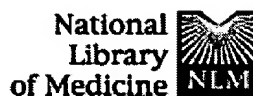
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<input type="checkbox"/>	L7	(glycosylat\$ adj site?) same (addition or extention) same (amino adj termin\$ or N-termin\$)	2
<input type="checkbox"/>	L6	(glycosylat\$ adj site?)same(addition or exten\$)	36
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<input type="checkbox"/>	L4	glycosylation same (random adj mutagenesis) and (addition or exten\$)	1
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- ☐ 1: [Luke NR, Allen S, Gibson BW, Campagnari AA.](#) [Related Articles, Li](#)
- ☐ Identification of a 3-deoxy-D-manno-octulosonic acid biosynthetic operon in *Moraxella catarrhalis* and analysis of a KdsA-deficient isogenic mutant.
Infect Immun. 2003 Nov;71(11):6426-34.
PMID: 14573664 [PubMed - indexed for MEDLINE]
- ☐ 2: [Zhu D, McCarthy H, Ottensmeier CH, Johnson P, Hamblin TJ, Stevenson FK.](#) [Related Articles, Li](#)
- ☐ Acquisition of potential N-glycosylation sites in the immunoglobulin variable region by somatic mutation is a distinctive feature of follicular lymphoma.
Blood. 2002 Apr 1;99(7):2562-8.
PMID: 11895794 [PubMed - indexed for MEDLINE]
- ☐ 3: [Zheng X, Sadler JE.](#) [Related Articles, Li](#)
- ☐ Mucin-like domain of enteropeptidase directs apical targeting in Madin-Darby canine kidney cells.
J Biol Chem. 2002 Mar 1;277(9):6858-63.
PMID: 11878264 [PubMed - indexed for MEDLINE]
- ☐ 4: [Hayajneh WA, Contopoulos-Ioannidis DG, Lesperance MM, Venegas AM, Colberg-Poley AM.](#) [Related Articles, Li](#)
- ☐ The carboxyl terminus of the human cytomegalovirus UL37 immediate-early glycoprotein is conserved in primary strains and is important for transactivation.
J Gen Virol. 2001 Jul;82(Pt 7):1569-79.
PMID: 11413367 [PubMed - indexed for MEDLINE]
- ☐ 5: [Fujita K, Takegawa K.](#) [Related Articles, Li](#)
- ☐ Tryptophan-216 is essential for the transglycosylation activity of endo-beta-N-acetylglucosaminidase A.
Biochem Biophys Res Commun. 2001 May 11;283(3):680-6.
PMID: 11341779 [PubMed - indexed for MEDLINE]
- ☐ 6: [Liu HL, Doleyres Y, Coutinho PM, Ford C, Reilly PJ.](#) [Related Articles, Li](#)
- ☐ Replacement and deletion mutations in the catalytic domain and belt region of *Aspergillus awamori* glucoamylase to enhance thermostability.
Protein Eng. 2000 Sep;13(9):655-9.
PMID: 11054460 [PubMed - indexed for MEDLINE]
- ☐ 7: [Lebbink JH, Kaper T, Bron P, van der Oost J, de Vos WM.](#) [Related Articles, Li](#)
- ☐ Improving low-temperature catalysis in the hyperthermostable *Pyrococcus furiosus* beta-glucosidase CelB by directed evolution.
Biochemistry. 2000 Apr 4;39(13):3656-65.
PMID: 10736164 [PubMed - indexed for MEDLINE]

- ☐ **8:** [Miller-Lindholm AK, Bedows E, Bartels CF, Ramey J, Maclin V, Ruddon RW.](#) Related Articles, Li



A naturally occurring genetic variant in the human chorionic gonadotropin-beta gene 5 i assembly inefficient.

Endocrinology. 1999 Aug;140(8):3496-506.

PMID: 10433205 [PubMed - indexed for MEDLINE]

- ☐ **9:** [Rosenberg AR, Delamarre L, Pique C, Le Blanc I, Griffith G, Dokhelar MC.](#) Related Articles, Li



Early assembly step of a retroviral envelope glycoprotein: analysis using a dominant negative assay.

J Cell Biol. 1999 Apr 5;145(1):57-68.

PMID: 10189368 [PubMed - indexed for MEDLINE]

- ☐ **10:** [Jennings MP, Virji M, Evans D, Foster V, Srikhanta YN, Steeghs L, van der Ley P, Moxon ER.](#) Related Articles, Li



Identification of a novel gene involved in pilin glycosylation in *Neisseria meningitidis*.

Mol Microbiol. 1998 Aug;29(4):975-84.

PMID: 9767566 [PubMed - indexed for MEDLINE]

- ☐ **11:** [Sekiya-Kawasaki M, Botstein D, Ohya Y.](#) Related Articles, Li



Identification of functional connections between calmodulin and the yeast actin cytoskeleton.

Genetics. 1998 Sep;150(1):43-58.

PMID: 9725829 [PubMed - indexed for MEDLINE]

- ☐ **12:** [Yan Z, Deng X, Chen M, Xu Y, Ahram M, Sloane BF, Friedman E.](#) Related Articles, Li



Oncogenic c-Ki-ras but not oncogenic c-Ha-ras up-regulates CEA expression and disrupts basolateral polarity in colon epithelial cells.

J Biol Chem. 1997 Oct 31;272(44):27902-7.

PMID: 9346938 [PubMed - indexed for MEDLINE]

- ☐ **13:** [Enjuanes L, Sune C, Gebauer F, Smerdou C, Camacho A, Anton IM, Gonzalez S, Talamillo A, Mendez A, Ballesteros ML, et al.](#) Related Articles, Li



Antigen selection and presentation to protect against transmissible gastroenteritis coronavirus.

Vet Microbiol. 1992 Nov;33(1-4):249-62.

PMID: 1282756 [PubMed - indexed for MEDLINE]

- ☐ **14:** [Guan JL, Machamer CE, Rose JK.](#) Related Articles, Li



Glycosylation allows cell-surface transport of an anchored secretory protein.

Cell. 1985 Sep;42(2):489-96.

PMID: 3928168 [PubMed - indexed for MEDLINE]

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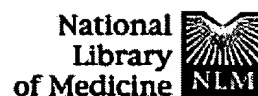
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- ☐ 1: [Han W, Rhee JS, Maximov A, Lao Y, Mashimo T, Rosenmund C, Sudhof TC.](#) [Related Articles, Li](#)
☐ N-glycosylation is essential for vesicular targeting of synaptotagmin 1.
 Neuron. 2004 Jan 8;41(1):85-99.
 PMID: 14715137 [PubMed - in process]
- ☐ 2: [Yabal M, Brambillasca S, Soffientini P, Pedrazzini E, Borgese N, Makarow M.](#) [Related Articles, Li](#)
☐ Translocation of the C terminus of a tail-anchored protein across the endoplasmic reticulum membrane in yeast mutants defective in signal peptide-driven translocation.
 J Biol Chem. 2003 Jan 31;278(5):3489-96. Epub 2002 Nov 22.
 PMID: 12446686 [PubMed - indexed for MEDLINE]
- ☐ 3: [Lucien N, Sidoux-Walter F, Roudier N, Ripoche P, Huet M, Trinh-Trang-Tan MM, Cartron JP, Bailly P.](#) [Related Articles, Li](#)
☐ Antigenic and functional properties of the human red blood cell urea transporter hUT-B
 J Biol Chem. 2002 Sep 13;277(37):34101-8. Epub 2002 Jul 01.
 PMID: 12093813 [PubMed - indexed for MEDLINE]
- ☐ 4: [Zheng X, Sadler JE.](#) [Related Articles, Li](#)
☐ Mucin-like domain of enteropeptidase directs apical targeting in Madin-Darby canine kidney cells.
 J Biol Chem. 2002 Mar 1;277(9):6858-63.
 PMID: 11878264 [PubMed - indexed for MEDLINE]
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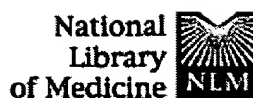
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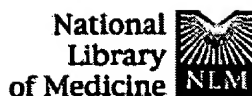
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